

## CLAIMS

### What Is Claimed Is:

- 1           1.     An LED module comprising:  
2                 a circuit board secured to a base containing at least two electrical leads;  
3                 the circuit board having an LED and at least two contact teeth whereby  
4     each contact tooth makes electrical contact with one of the at least two  
5     electrical leads.
- 1           2.     The LED module of Claim 1 where the at least two electrical  
2     leads further comprise a non-conductive sheath and where each contact tooth  
3     pierces the non-conductive sheath to make electrical contact with one of the at  
4     least two electrical leads.
- 1           3.     The LED module of Claim 1 where a gasket with a thickness  
2     covers a side of the circuit board and where the at least two contact teeth  
3     traverse the thickness of the gasket to make electrical contact with the at least  
4     two electrical leads.
- 1           4.     The LED module of Claim 1 where the base further comprises a  
2     set of snap tabs whereby the circuit board is secured to the base by snapping the  
3     circuit board onto the base by the set of snap tabs.
- 1           5.     The LED module of Claim 1 where the circuit board is coated in  
2     a protective sealant.
- 1           6.     An LED module comprising:  
2                 a circuit board secured to a base for containing at least two electrical  
3     leads having non-conductive sheathes;  
4                 the circuit board having an LED and at least two contact teeth whereby  
5     each contact tooth is sufficiently sharp to pierce the non-conductive sheath of  
6     an electrical lead and make electrical contact with the electrical lead.

1           7.     The LED module of Claim 6 where a gasket with a thickness  
2 covers a side of the circuit board and where the at least two contact teeth  
3 traverse the thickness of the gasket.

1           8.     The LED module of Claim 6 where the base further comprises a  
2 set of snap tabs whereby the circuit board is secured to the base by snapping the  
3 circuit board onto the base by the snap tabs.

1           9.     The LED module of Claim 6 where the base has two open ends  
2 and where at least two electrical leads can traverse the base through the open  
3 ends.

1           10.    A replaceable LED module comprising:  
2           a circuit board removably secured to a base by a set of snap tabs on the  
3 base; the base further having two open ends and containing two electrical leads  
4 that traverse the base through the open ends;  
5           each electrical lead comprises a non-conductive sheath;  
6           the circuit board having an LED and two contact teeth whereby each  
7 contact tooth pierces the non-conductive sheath of one electrical lead and  
8 makes electrical contact with the electrical lead.

1           11.    The replaceable LED module of Claim 10 further comprising a  
2 protective gasket with a thickness covering a side of the circuit board where the  
3 contact teeth traverse the thickness of the gasket.

1           12.    The replaceable LED module of Claim 10 where the circuit board  
2 further comprises a first support length and a second support length; where the  
3 first support length differs in length from the second support length; and where  
4 the set of snap tabs further comprise a first set of snap tabs separated by a first  
5 distance corresponding to the first support length and a second set of snap tabs  
6 separated by a second distance corresponding to the second support length.